

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Virtanen, Jorma
- (ii) TITLE OF INVENTION: Spatially Addressable, Cleavable Reflective
Signal Elements, Assay Device and Method
- (iii) NUMBER OF SEQUENCES: 13
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
 - (B) STREET: 2029 Century Park East, Suite 3800
 - (C) CITY: Los Angeles
 - (D) STATE: California
 - (E) COUNTRY: USA
 - (F) ZIP: 90067
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy Disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: Microsoft Windows 98
 - (D) SOFTWARE: MS Word
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE:
 - (C) CLASSIFICATION: 435
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/419,407
 - (B) FILING DATE: October 15, 1999
 - (A) APPLICATION NUMBER: 09/394,137
 - (B) FILING DATE: September 10, 1999
 - (A) APPLICATION NUMBER: 08/888,935
 - (B) FILING DATE: July 7, 1997
 - (A) APPLICATION NUMBER: 60/030,416
 - (B) FILING DATE: November 1, 1996
 - (A) APPLICATION NUMBER: 60/021,367
 - (B) FILING DATE: July 8, 1996
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Oldenkamp, David J.
 - (B) REGISTRATION NUMBER: 29,421
 - (C) REFERENCE/DOCKET NUMBER: 18950-17-1
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (310) 788-5000
 - (B) TELEFAX: (310) 788-5100

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9
 - (B) TYPE: nucleic acid

- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CGGGTGTGG

9

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CGGGTGTGA

9

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

CGGGTGTGC

9

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CGGGTGTGT

9

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

CGGCCGCGG

9

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

GCCCACACCG CCGGCGCC

18

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

GCCCACACTG CCGGCGCC

18

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

GCCCACACGG CCGGCGCC

18

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 16
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

GCCCACAGCC GGCGCC

16

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 33
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TGAGACACCA GGAATTAGAT ATCAGTACAA TGT

33

(2) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 33
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

CTAAATCAGA TCCTACATAT AAGTCATCCA TGT

33

(2) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

TAGATATCAG TACAA

15

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

TATTCAGTAG GTACA

15